

**ABSTRACT**

A lens evaluation method for calculating resolution evaluation value based on a detected luminance value in order to evaluate resolution of lens has a background luminance value acquiring step for acquiring a luminance value at a background part having no test pattern formed thereon, a maximum luminance value acquiring step for acquiring maximum luminance value in the test pattern image, a minimum luminance value acquiring step for acquiring minimum luminance value and an evaluation value calculating step for calculating a resolution evaluation value based on the luminance values obtained in the respective steps.